| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|--|
| FEE DETERMINATION         | 5m1      |        | 3/11/00 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 59     | 3/23    |  |  |  |  |  |
| FORMALITY REVIEW          |          | 71090  | 4/24/00 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 56 A     | 17718  | 6/2011  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ~   | Rejected                   | N   | Non-elected  |
|-----|----------------------------|-----|--------------|
| = . | Allowed                    | - 1 | Interference |
| _   | (Through numeral) Canceled | Α   | Appeal       |
| ÷   | Restricted                 | 0   | Objected     |

| i<br>Zire | ·     | <u> </u>            |           |  | ŗ            |          | ,  | ;            | •  | •         | ٠.         | ;        | ·           |              |          |          |          |                   |          |            |                  |                   |          |         |                  |       |          |            |                 |        |              |             |         |  |          |          |              |            |      |
|-----------|-------|---------------------|-----------|--|--------------|----------|--|--------------|--|-----------|------------|----------|-------------|--------------|----------|----------|----------|-------------------|----------|------------|------------------|-------------------|----------|---------|------------------|-------|----------|------------|-----------------|--------|--------------|-------------|---------|--|----------|----------|--------------|------------|------|
|           | Cia   | ılm                 | 1         | <u>:</u>                               | 37           |          | Da   | te S         |  | <u> }</u> | ·          | <u>"</u> | ļ ·         | CI           | aim      | L        | -        | ,                 |          | Da         | te               |                   |          |         |                  |       | Cla      | aim        | L               |        |              |             | Da      | te                                     |          |          |              |            | l    |
|           | Jimal | priginal,           | 12/06/01  | (1170                                  | 1            |          |  |              | 7  |           |            |          |             | Final        | Original |          | K117/2   |                   | 1        | ;          |                  |                   |          |         |                  |       | Final    | Original   |                 | 1,17   |              |             | ()<br>* | , "<br>, '                             |          |          |              | Sy . 11.   |      |
|           | X     | 1                   | $\rangle$ |  | 1.5          |          | ÷  | ٠,           |  | 1.0       | 3."        | 2        |             |              | 51       | 1        | V        | 1                 |          | ·          |                  |                   |          |         |                  |       |          | 101        |                 | 9      | ,            |             |         | - 5                                    | 4        | ١,       | 7            |            | 1    |
| }         | į,    |                     | V         |  |              | . 2.     | 1  |              |  | Ľ         |            | 1        | r"          |              | 52       | ;        | ~        |                   |          |            |                  |                   |          |         |                  | ]     | ·        | 102        |                 | ·. ·   |              |             |         | .:                                     |          |          | - 1          |            |      |
|           | ġ.    | è                   | V         | <u> </u>                               | - 5          | 1        |  |              | :  |           | : 1        | 4        | , :         |              | 53       | Ľ.       | 2        |                   |          |            |                  |                   |          | ·       |                  |       |          | 103        |                 | ·      |              |             | 4.      |  | . 3      | reg t    | : 1          | 5.1        | i    |
| 4         |       | *                   | V         | 1                                      | L            |          | 1  | 1            |  | 1         | 1          | 1        |             |              | 54       | -        | 7        |                   |          | _          |                  |                   | _        | Ŀ       |                  | 1     | -        | 104        | 1               | •      |              | A.          |         | <b>1449</b>                            | 14       | ¥.       | ₹.           |            | į,   |
|           | 12    |                     | 7         |  |              | - E      | 1  |              | F  |           | 1.         |          | ,÷.         | Ŀ            | 55       | <u> </u> | 1        | -                 |          | , ii       | <br>             |                   | -        | **      |                  |       | 20       | 105        | -               | ****** | ***          | 490         | 驾       | 3                                      | 4.0      | A.       | ž            | 555        | 2    |
| 12. L     | 16.   | H                   | 1         | 1                                      | 1976         | 12       |  |              | -  | :         | 1          | 33       |             |              | 56<br>57 | 1.2      | 1        | 5                 | **       | 4          | 5.5              | 71                |          |         | 30               |       | -        | 106        | 54              | 1      | 垂直           | 37          | 金貨      |  | 100      | 海縣       | 築            | 趣          | 4    |
|           | . V   | Н                   | Ú         | 100                                    | 登            | 7        | 1  | 1            |  | 1         | j.,        | 5        |             |              | 58       | -        | Ž        | -                 | , 1      | -1         |                  | -                 |          |         | -                | 15.   | F        | 108        | 3.5             | 12     | dia 16       | 選判          | 6       | 基                                      | なる       | 凝        |              | 7          | 7    |
|           | 化     | 1                   | 7         | 1                                      | Z            | 1        | 3  | . 1          |  | 1         | 77         | 2.       |             | 94           | 59       | . ž      | J        | 3                 | .67      | 3.5        |                  | -                 |          |         | -                | 3     |          | 109        | A               | 34     | 153          | 12          | 1       | ************************************** | 3        | . C      | ती           |            | 2.00 |
|           |       | 16                  | ž         |  | 1            | 3 10     |  |              |  | T.        |            |          | pl.         | 7 <u>3.5</u> | 60       | 5        | J        | .1                | 1        | -11        | - 2              | 35                |          |         |                  | 1     | 1        | 110        | ÷               | - Corr | 1,4          | 1           | 1       |  | 3        |          | 2            | 444        | ŕ.   |
|           | Ŧ.    | J                   | V         | -                                      | ₹ ₹          | 12       |  | 1            |  |           | 37.        | 13       | 31          | 1            | 61       | 17.5     | V        | 3                 | 3        | Ä          | Α.               | ¥                 |          | 1       |                  |       | 1        | 111        | 2 "             | 1      |              | *3          | *       | 1                                      | 数        |          |              |            | 1    |
|           | C     | 19                  | マ         | 128                                    | 104          | 174      |  | ٠,           | 1  | 1         |            | 3.       | 3           |              | 62       |          | 1        |                   | 144      | 1          | 1                | 7                 |          |         | 1                | 43    | 10       | 112        | ω,              | - 7    | 2.7          | 44          | 1       |  | 先        | *        | 3            | 165        |      |
|           | 2     | 3                   | IJ,       | ************************************** | 63           | li,      | 3  | 13.          | , i  |           | 1          | ¥-       | - 8         | - ¢          | 63       | 173      | J        | 3                 |          |            | *                | *                 | 1.7      | - 36    |                  |       | 25       | 113        | $\lambda_{\pm}$ | g.     |              | 1           | 簇       | 雙                                      |          |          |              | 1          | -10  |
| 9.        | 2     | 4                   | V         | 鑾                                      | 1            |          | 1/2  | 3            |  | 1         |            | 41.      | <b>4</b> ), | 4            | 64       | '¥.'     | J        |                   | ;        | *          | 1                | 9                 | 1        |         | ;<br>;;;         | 1     | 3.,      | 114        | 0.53            | χ'n    | 器            | 變           | 黨       | 羅                                      |          | 靐        | *            | <i>T</i> , |      |
| ΔЪ        | Ŋ,    | 15                  | V,        | 1                                      | *            | 43       | 3  | . 3          |  |           | -3         | . 3      | 1           | 1.0          | 65       | ÷        | V,       | $\mathcal{G}_{j}$ | -11-     | ,3         | 1                | ,S <sub>2</sub> , | - 2      | :       |                  |       | 7.       | 115        | 3               | :2     | <b>6</b> 2   | <b>1</b> 2. | 1       | 糠                                      | *        | *        | 級            | 7          | 3    |
|           | 4     | 12                  | J,        | 3                                      | 15.0         | 15       | . 17   |              | Ŀ  | 20.4      | .7         | :1       | 17.3        | L            | 66       | :-       | V        | _                 | 44       | 1          |                  | 35                | ₹.₹      | <u></u> | *                | 7.    | 1.5      | 116        | æ;              | 724    | 24           | <b>1</b>    |         | 153<br>154                             | 緩        | ¥.       | 践            | 2          | 1    |
|           | *     | 4                   | Ų         | 430                                    | 4            | 惰        | 3  | 基            |  |           | -          | 7.       |             | 12           | 67       | 1        | J        | ₹.                | 44       |            | 1                | 2.2               | *1       | • • •   |                  | 5 1   |          | 117        |                 | ٠,٠    | igun.        | (2)         | 華       | · <b>整</b>                             | X        | 1        | 3            |            |      |
|           | 8     | 18                  | J         | 7                                      | 15.4         | 4        | 1 12   | 17           | ÷773   | 1         | 200        | 74.2     | 2.2         | -            | 68       | 7        | 7        |                   | 2.50     | <i>y</i> # | 3.5              | ÷.                | 1        | * .     | <u>ئة</u><br>الم | 100   | 3        | 118        | 34,             | 50     | 3            | 4           | 2       | <b>3</b>                               | 30       | 2        | 製            | ₹.         |      |
|           |       | 44                  | Ji<br>E   | <b>感</b>                               |              |          | 2  |              | ~  |           | 1          | -        |             | 1-           | 69       | :a :     | -        | 73.               | 6.60     | 1          | 1                | 74                |          |         | *                |       | ***      | 119        |                 | 3.     | 20           | 益           | 1       | 200                                    | 1        | 33       | 1            | 4          | 100  |
| Ż         | 1     | 2                   | Ý         | · 在                                    | 35           | 15       | 7.1  | 透            | 2  | 1         | 2 10       |          | . 6         |              | 70       |          | 4        | 4                 | 5 3      |            |                  | 1.                |          | )<br>•  | 2                | : N.2 | 12.9     | 120        |                 | 急      | \$ 07<br>100 | 188 P       |         |  | 4        | 1        | *            |            |      |
| 12        | _     | 4                   | <b>ナ</b>  | 超過                                     | 900年         | 新 四日     | 1.5  | 注:           | 1.0  | -         | -          | 4        | 17.         |              | 71       | -        | 4        |                   | 4,       |            | 32 3<br>35<br>37 |                   |          |         | _                | 1,7   | -        | 121<br>122 | -: ·            | 15     | (t)          | 3           | 初題      | 数量                                     | 200      | 土        | 84.2<br>(2.1 | +          |      |
| Ω'n.      | ·     | <del>22</del><br>13 | y         | 凝                                      | 42           | 5        | 快游   | 15           | 14   | 1         | 1          | -        |             | 1.5          | 72<br>73 | 3 1      | J        | 7                 | ;;       | 1          | ***              | a                 | 24       |         | 1.               | Ìr.   |          | 123        |                 | 100    | 1            | 1           | 经       |  |          | 記        | . +          | -          | 2,   |
|           | × ×   | 4                   | 7         | 100                                    | 45           | 75       | 433  |              | ***  | 13        |            |          | -           |              | 74       | 7.       | H        | 1:                |          | *          | 7                | ,                 |          |         |                  | 1     |          | 124        | 1.              | 131    | 3 7          | 多           | **      |  | 類        | 15.      | 3            | $\exists$  |      |
|           | 校.    |                     | 7         | *                                      | 2            | 1.       |  |              | 7  | 1         | -          | 11/4     |             | 2            | 75       |          | H        | 1 1               |          | 15         |                  |                   | 41       |         |                  |       | Ě        | 125        |                 | 13,    | - 1          | 12.0        | 64.     | 17                                     | 13.      |          |              | ă.         | 1    |
|           | 15    |                     |           | 1.5                                    | į.           | * 1      | 1  | • 7          | 1  | .77       | 14         | 10.      | 1           | -            | 76       |          | H        | -                 |          | ,          | 24               | 3.50              | . 1      | 17      | 12               |       |          | 126        |                 | _      | ,            | 7 20        | 4       | 7                                      |          | 13       | 77           |            |      |
|           | œ.    | 2                   | Ĵ,        | 2                                      | į.           | e di     | 146  | 11.1         | 1  |           | . 0        | 130      |             |              | 77       | -        |          | 1                 | -        |            |                  |                   | er.      | 4       | ٠, ١             |       | .;-      | 127        | V.              | 25.    | 7            | 6           | 7.0     | 12                                     | Ġ.       | 13.A     |              |            |      |
| 1         |       | 2                   | J         |  |              |          |  | 1            | 5  | -         | 13         |          |             |              | 78       | -        | 1        |                   |          |            |                  |                   | ·        |         |                  |       | Ė        | 128        |                 |        | ٠٠;          | Χ,          | 4.1     | b.                                     | ŲĒ.      | 15       | 2.5          | $\exists$  | ٠    |
| - (       |       | 20                  | v         | . ,                                    | . :          |          |  |              | ,  | T         | -          |          | ·           | 14           | 79       |          | 4        |                   |          | 1          |                  |                   |          |         |                  |       |          | 129        |                 |        | ٠.           |             | 1       |  | 1        |          |              |            |      |
| .[        |       | 30                  |           |  | . ,          |          | _  |              |  |           |            |          |             | Ŀ            | 80       |          | 1.       |                   |          |            |                  |                   |          |         |                  |       |          | 130        |                 |        |              |             | 7.      |  |          | .:       |              |            |      |
|           |       | 3                   | J         |  | 2.0          |          |  |              |  | L         | L          |          |             |              | 81       |          | i        |                   |          |            |                  |                   |          |         |                  |       |          | 131        |                 |        |              |             |         |  |          | 1 5      |              | ᅬ          | •    |
|           | _     | 32                  | Ý,        | ļ                                      |              |          | -  |              | Ŀ  | L         | L          | Ŀ        |             | L            | 82       | _        |          | L                 |          | L          |                  |                   |          | _       | L                |       | ⊢        | 132        |                 |        | _            |             |         | Щ                                      |          | 7        | $\dashv$     | _          |      |
| -         |       | 38                  | 1         | -                                      |              | Ľ        | <b> </b>   | <u> </u>     | L  | <u> </u>  | <u> </u> _ | <u> </u> |             | Ŀ            | 83       | _        | -        | _                 | _        |            |                  |                   |          | _       |                  | ļ     | <u> </u> | 133        |                 |        |              | H           |         | انا                                    | -        |          |              | 4          |      |
| 1         |       |                     | J         | <u> </u>                               | -            |          | _  | 1            | L  | ┡         | ┡          | ├_       | 1           | ⊢            | 84       | _        | <u> </u> |                   |          | _          |                  | Щ                 | Н        | =       |                  |       | -        | 134<br>135 | Н               | _      | $\vdash$     | Ė           |         | •••                                    |          | $\vdash$ | $\dashv$     | $\dashv$   | -    |
| ٠         |       | <del>(3) (4</del>   | J         | ├                                      | Ŀ            | <u> </u> | 3  | <del> </del> | ⊢  | ├-        | ⊢          | ├        | 1           | ⊢            | 85       | -        | -        | H                 | H        |            | Н                |                   | $\vdash$ |         | <u> </u>         | 1     | ├        | 136        | Н               | _      | -            |             | Н       | Н                                      | Н        | $\dashv$ | 一            |            |      |
| ٠,        | d     | *                   | ÷         | $\vdash$                               | $\vdash$     | $\vdash$ | -  | ř.,          | -  | $\vdash$  | ├.         | ⊢        | 1           | $\vdash$     | 87       | $\vdash$ | H        | ╁                 | H        | $\vdash$   | -                | $\vdash$          | Н        | -       | -                | l     | $\vdash$ | 137        | $\vdash$        |        | -            |             |         |  | $\vdash$ | _        | H            | $\dashv$   |      |
| +         |       | 30                  | J         | <del></del>                            | -            | $\vdash$ | $\vdash$   | ╁            | H  | $\vdash$  | H          | ├        | 1           | -            | 88       | -        | -        | ╁╾                |          | $\vdash$   |                  |                   |          | _       |                  | 1     | H        | 138        |                 | _      | `-           | -           |         | П                                      |          |          | $\neg$       | ヿ          |      |
| h         |       | 39                  | ij        | 1                                      | -            | ┝        | <del> </del>                                     | <del> </del> | H  | $\vdash$  | $\vdash$   | ╁        | 1           | -            | 89       | -        | -        |                   | $\vdash$ | Н          |                  |                   | Н        | _       | _                | ł     | $\vdash$ | 139        |                 | _      |              |             |         | П                                      |          |          |              | $\neg$     |      |
| ľ         | 7     | 8                   | Ĭ         | J                                      |              |          | Н  | †            | <del>                                     </del> | $\vdash$  | -          | 1        | 1           | Г            | 90       | _        |          | T                 |          | Г          |                  |                   |          | $\neg$  | Г                | 1     |          | 140        |                 | -      |              |             |         |  |          |          |              | $\neg$     |      |
| ŀ         | 7     | ٤٧                  | J         | J                                      |              | $\vdash$ | $\vdash$   | <u> </u>     | H  | 1         | $\vdash$   |          | 1           |              | 91       |          |          | T                 |          |            |                  |                   | _        |         | Г                | 1     | _        | 141        | П               |        |              |             |         | П                                      | -        |          | $\Box$       | ٦          |      |
| H         |       | 72                  | J         | J.                                     | H            | $\vdash$ | <del>                                     </del> | $\vdash$     | $\vdash$   | 1         | 1          | $\vdash$ | 1           | H            | 92       |          | $\vdash$ | 1-                |          | Н          | Н                | Н                 | H        |         |                  | 1     |          | 142        | П               | _      |              |             |         |  |          |          |              |            |      |
| +         | ۳     | 43                  | $\neg$    | 1                                      |              | Η        | T  | T            | $\vdash$   | 1         | 1          | 1        | 1           |              | 93       | $\vdash$ |          | 1                 | П        | П          | П                |                   | П        |         |                  | 1     | Г        | 143        |                 |        |              |             |         |  |          |          | $\Box$       |            |      |
| -,†       |       | 44                  | _         | 7                                      |              |          | Г  | Т            | Γ  | $\vdash$  |            | $\vdash$ | 1           | Г            | 94       |          |          | 1                 |          | П          | $\Box$           |                   | П        |         | Г                |       | Г        | 144        |                 |        |              |             |         |  |          |          |              |            |      |
| 1         |       | 45                  |           | 7,                                     | Т            | Γ        | Γ  |              |  | T         |            | Γ        | 1           |              | 95       |          |          |                   |          |            |                  |                   |          |         |                  | j     |          | 145        |                 | $\Box$ |              |             |         |  |          |          | $\Box$       | _]         |      |
| ľ         |       | 46                  |           | Ţ                                      |              |          | Γ  | Γ            |  | Ι.        |            |          |             |              | 96       |          |          | Γ                 |          |            |                  |                   |          |         |                  | ]     |          | 146        |                 |        |              |             |         |  | ,        | Ц        | 1            | 4          |      |
| ſ         |       | 47                  |           | Ţ                                      |              |          |  | Γ            |  | Γ         | Γ          |          | ]           |              | 97       |          |          |                   |          |            |                  |                   |          |         |                  |       |          | 147        |                 |        |              | Ш           |         | Щ                                      | $\perp$  |          | ⊣            | 4          |      |
|           |       | 48                  |           | 4                                      |              |          |  |              |  |           |            |          |             |              | 98       |          |          |                   |          |            | Ц                |                   |          |         |                  |       | L        | 148        | Щ               | _      |              | Ц           |         | Н                                      | Н        | $\dashv$ | $\dashv$     | $\dashv$   |      |
| [         |       | 49                  |           | 4                                      | Ĺ            | Ĺ        | Ĺ  |              | Ĺ  |           | L          | Ĺ        |             | L            | 99       | L        | _        | <u> </u>          | $\Box$   |            | Ц                | Ц                 | Ц        | Ц       | L                |       | <u> </u> | 149        | Ц               | _      | 4            | Ц           | Щ       | $\vdash$                               | Н        | 4        |              | ᅱ          |      |
| Ł         |       | 50                  |           | J                                      | $oxed{oxed}$ | L        |  |              | <u> </u>   | L         | L          | L        |             | L            | 100      |          |          | 1_                |          |            |                  |                   | Ш        |         | L_               | J     | L        | 150        | Ш               |        | لب           | Ш           |         | لــا                                   | لــا     | ш        | 1            |            |      |

If more than 150 claims or 10 actions staple additional sheet here

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